

ABSTRACT

A propagation relay, attached to an enclosure, receives a wireless signal. The signal is sent from a base station over a downlink frequency. The propagation relay converts the downlink signal and transmits it wirelessly, using a different frequency, to mobile station interface ports located within the enclosure. The mobile station interface ports convert the signal back into one at the downlink frequency and send it, via a wireless link, to mobile stations inside the enclosure. Communication from the mobile stations to the base station occurs in the same manner.